

10/588527

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(FILE 'HOME' ENTERED AT 11:24:59 ON 11 SEP 2008)

FILE 'REGISTRY' ENTERED AT 11:25:06 ON 11 SEP 2008

L1 STRUCTURE UPLOADED

L2 0 SEA SSS SAM L1

FILE 'ZCAPLUS' ENTERED AT 11:27:23 ON 11 SEP 2008

E US2006-588527/APPS

L3 8 SEA ABB=ON PLU=ON US2006-588527/APPS

SEL RN

FILE 'REGISTRY' ENTERED AT 11:28:28 ON 11 SEP 2008

L4 181 SEA ABB=ON PLU=ON (261716-94-3/BI OR 107-21-1/BI OR 110-63-4/BI OR 111-29-5/BI OR 111-46-6/BI OR 126-30-7/BI OR 3010-96-6/BI OR 504-63-2/BI OR 57-55-6/BI OR 629-11-8/BI OR 7440-31-5/BI OR 7664-38-2/BI OR 818-08-6/BI OR 100-21-0/BI OR 1021869-96-4/BI OR 1021879-93-5/BI OR 115-86-6/BI OR 1241-94-7/BI OR 126-73-8/BI OR 1310-65-2/BI OR 1310-73-2/BI OR 1330-78-5/BI OR 1806-54-8/BI OR 185625-67-6/BI OR 25190-06-1/BI OR 2528-36-1/BI OR 2694-23-7/BI OR 27193-25-5/BI OR 3039-96-1/BI OR 37208-27-8/BI OR 546-68-9/BI OR 589-29-7/BI OR 7429-90-5/BI OR 7439-93-2/BI OR 7439-95-4/BI OR 7439-96-5/BI OR 7440-32-6/BI OR 7440-36-0/BI OR 7440-48-4/BI OR 7440-55-3/BI OR 7440-56-4/BI OR 7440-66-6/BI OR 7723-14-0/BI OR 78-42-2/BI OR 9003-53-6/BI OR 102-28-3/BI OR 102-39-6/BI OR 104-94-9/BI OR 105-08-8/BI OR 1067-33-0/BI OR 1072-84-0/BI OR 1076-97-7/BI OR 108-00-9/BI OR 109-55-7/BI OR 109-85-3/BI OR 110-15-6/BI OR 110-17-8/BI OR 110-94-1/BI OR 110-99-6/BI OR 111-20-6/BI OR 118-41-2/BI OR 121-91-5/BI OR 123-99-9/BI OR 124-04-9/BI OR 138-41-0/BI OR 144-19-4/BI OR 1692-15-5/BI OR 1759-53-1/BI OR 19335-11-6/BI OR 2215-89-6/BI OR 22326-31-4/BI OR 2273-45-2/BI OR 23850-94-4/BI OR 245106-28-9/BI OR 25640-14-6/BI OR 263244-38-8/BI OR 263244-39-9/BI OR 2734-70-5/BI OR 27479-68-1/BI OR 28604-87-7/BI OR 348-54-9/BI OR 36487-02-2/BI OR 3764-01-0/BI OR 3971-28-6/BI OR 406463-06-7/BI OR 4388-97-0/BI OR 471294-42-5/BI OR 504-24-5/BI OR 5071-96-5/BI OR 52516-13-9/BI OR 527-72-0/BI OR 536-90-3/BI OR 54699-92-2/BI OR 54994-24-0/BI OR 5585-33-1/BI OR 57-66-9/BI OR 57260-73-8/BI OR 582-33-2/BI OR 587-48-4/BI OR 59-67-6/BI OR 591-27-5/BI OR 62-53-3/BI OR 629-41-4/BI OR 6299-25-8/BI OR 63-74-1/BI OR 6967-12-0/BI OR 73183-34-3/BI OR 74299-91-5/BI OR 7663-77-6/BI OR 790-83-0/BI OR 80-05-7/BI OR 833486-94-5/BI OR 863327-63

L5 65 SEA ABB=ON PLU=ON NCNC3/ES AND L4

L6 STRUCTURE UPLOADED

L7 2 SEA SSS SAM L6

D SCA

L8 STRUCTURE UPLOADED

L9 17 SEA SSS SAM L8

D SCA

D STAT QUE L9

L10 1714 SEA SSS FUL L8

SAVE TEMP L10 SZN527STR8L/A

FILE 'STNGUIDE' ENTERED AT 11:44:51 ON 11 SEP 2008

FILE 'REGISTRY' ENTERED AT 11:51:35 ON 11 SEP 2008

L11 16 SEA SUB=L10 SSS SAM L6

10/588527

L12 280 SEA SUB=L10 SSS FUL L6
SAVE TEMP SZN527STR6L/A L12

FILE 'ZCAPLUS' ENTERED AT 11:53:37 ON 11 SEP 2008

L13 880 SEA ABB=ON PLU=ON L10

L14 32 SEA ABB=ON PLU=ON L12

FILE 'REGISTRY' ENTERED AT 11:54:02 ON 11 SEP 2008

L15 2 SEA SUB=L10 SSS SAM L1
D SCA

L16 49 SEA SUB=L10 SSS FUL L1
SAVE TEMP SZN527STR1L/A L16

FILE 'ZCAPLUS' ENTERED AT 11:54:52 ON 11 SEP 2008

L17 5 SEA ABB=ON PLU=ON L16

FILE 'BEILSTEIN' ENTERED AT 11:55:36 ON 11 SEP 2008

L18 0 SEA SSS SAM L1

L19 0 SEA SSS FUL L1

FILE 'WPIX' ENTERED AT 11:56:26 ON 11 SEP 2008

L20 3 SEA SSS SAM L1

L21 38 SEA SSS FUL L1

L22 1 SEA ABB=ON PLU=ON L21/DCR

FILE 'MARPAT' ENTERED AT 11:57:06 ON 11 SEP 2008

L23 7 SEA SSS SAM L1

L24 125 SEA SSS FUL L1

L25 STRUCTURE UPLOADED

L26 1 SEA SUB=L24 SSS SAM L25

L27 14 SEA SUB=L24 SSS FUL L25

FILE 'ZCAPLUS' ENTERED AT 12:05:47 ON 11 SEP 2008

L28 6566 SEA ABB=ON PLU=ON HASEGAWA M7/AU

L29 2265 SEA ABB=ON PLU=ON TAKADA M7/AU

L30 108 SEA ABB=ON PLU=ON WASHIO Y7/AU

L31 7 SEA ABB=ON PLU=ON L28 AND (L29 OR L30)

L32 2 SEA ABB=ON PLU=ON L29 AND L30

L33 8 SEA ABB=ON PLU=ON (L31 OR L32)

L34 4820 SEA ABB=ON PLU=ON PYRIMIDINON7/BI

L35 2 SEA ABB=ON PLU=ON (L28 OR L29 OR L30) AND L34

L36 1 SEA ABB=ON PLU=ON L33 AND L35

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 12:08:05 ON 11 SEP 2008

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:08:09 ON 11 SEP 2008

L37 12 SEA ABB=ON PLU=ON L33

L38 4 SEA ABB=ON PLU=ON L35

FILE 'REGISTRY' ENTERED AT 12:08:49 ON 11 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 12:08:52 ON 11 SEP 2008

D STAT QUE L33

D STAT QUE L35

L39 9 SEA ABB=ON PLU=ON L33 OR L35

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:09:11 ON 11 SEP 2008

D STAT QUE L37

D STAT QUE L38

L40 15 SEA ABB=ON PLU=ON L37 OR L38

FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:09:32 ON 11 SEP 2008

L41 10 DUP REM L39 L40 (14 DUPLICATES REMOVED)
 ANSWERS '1-9' FROM FILE ZCAPLUS
 ANSWER '10' FROM FILE BIOSIS
 D IBIB ABS HITIND L41 1-9
 D IALL L41 10

FILE 'REGISTRY' ENTERED AT 12:10:30 ON 11 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 12:10:32 ON 11 SEP 2008
 D STAT QUE L17

FILE 'BEILSTEIN' ENTERED AT 12:10:41 ON 11 SEP 2008
 D STAT QUE L19

FILE 'WPIX' ENTERED AT 12:10:54 ON 11 SEP 2008
 D STAT QUE L22

FILE 'MARPAT' ENTERED AT 12:11:05 ON 11 SEP 2008
 D STAT QUE L27

L42 FILE 'ZCAPLUS, WPIX, MARPAT' ENTERED AT 12:11:20 ON 11 SEP 2008
 17 DUP REM L17 L19 L22 L27 (3 DUPLICATES REMOVED)
 ANSWERS '1-5' FROM FILE ZCAPLUS
 ANSWERS '6-17' FROM FILE MARPAT
 D IBIB ABS HITSTR L42 1-5
 D IBIB ABS QHIT L42 6-17

FILE 'REGISTRY' ENTERED AT 12:13:45 ON 11 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 12:13:49 ON 11 SEP 2008
 D STAT QUE L14

L43 27 SEA ABB=ON PLU=ON L14 NOT L17
 D IBIB ABS HITSTR L43 1-27

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 SEP 2008 HIGHEST RN 1048424-48-1
 DICTIONARY FILE UPDATES: 10 SEP 2008 HIGHEST RN 1048424-48-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 11 Sep 2008 VOL 149 ISS 11
FILE LAST UPDATED: 10 Sep 2008 (20080910/ED)

ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 5, 2008 (20080905/UP).

FILE BEILSTEIN
FILE LAST UPDATED ON April 1, 2008

FILE COVERS 1771 TO 2008.
FILE CONTAINS 10.322,808 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST.
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.
* FOR PRICE INFORMATION SEE HELP COST

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>>> Price change as of January 1st, 2008: Connect Time and Structure Search fees re-introduced. See NEWS and HELP COST <<<

FILE WPIX

FILE LAST UPDATED: 6 SEP 2008 <20080906/UP>
 MOST RECENT UPDATE: 200857 <200857/DW>
 DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE
 >>> Now containing more than 1.1 million chemical structures in DCR <<<
 >>> IPC Reform backfile reclassifications have been loaded to the end of
 June 2008. No update date (UP) has been created for the
 reclassified documents, but they can be identified by
 20060101/UPIC and 20061231/UPIC, 20070601/UPIC, 20071001/UPIC,
 20071130/UPIC, 20080401/UPIC and 20080701/UPIC.
 ECLA reclassifications to June and US national classifications to
 the end of April 2008 have also been loaded. Update dates
 20080401 and 20080701/UPEC and /UPNC have been assigned to these. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
 PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://scientific.thomsonreuters.com/support/patents/coverage/latestupdate>

EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:
http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0608.p

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 149 ISS 9 (20080905/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
 (COVERAGE TO THESE DATES IS NOT COMPLETE):

| | | |
|----|--------------|-------------|
| US | 20080177068 | 24 JUL 2008 |
| DE | 202007007143 | 17 JUL 2008 |
| EP | 1944311 | 16 JUL 2008 |
| JP | 2008172059 | 24 JUL 2008 |
| WO | 2008089464 | 24 JUL 2008 |
| GB | 2444641 | 11 JUN 2008 |
| FR | 2911339 | 18 JUL 2008 |
| RU | 2330029 | 27 JUL 2008 |
| CA | 2615024 | 14 JUN 2008 |

Expanded G-group definition display now available.

Effective December 15th the iteration and answer limits in MARPAT
 have increased from 100,000 to 200,000 for both on-line and batch
 searches. For more information on MARPAT search limits, type HELP
 SLIMITS at an arrow prompt.

FILE MEDLINE

FILE LAST UPDATED: 10 Sep 2008 (20080910/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's
 revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate

substance identification.

See HELP RANGE before carrying out any RANGE search.

MEDLINE Accession Numbers (ANs) for records from 1950-1977 have been converted from 8 to 10 digits. Searches using an 8 or 10 digit AN will retrieve the same record. The 10-digit ANs can be expanded, searched, and displayed in all records from 1949 to the present.

FILE EMBASE

FILE COVERS 1974 TO 11 Sep 2008 (20080911/ED)

EMBASE was reloaded on March 30, 2008.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE BIOSIS

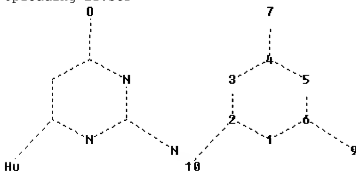
FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 10 September 2008 (20080910/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

Uploading L1.str



chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

2-10 4-7 6-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

10/588527

1-2 1-6 2-3 2-10 3-4 4-5 4-7 5-6 6-9

Connectivity :

1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 5:2 E exact RC ring/chain

6:3 E exact RC ring/chain 7:1 E exact RC ring/chain 9:2 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:Atom

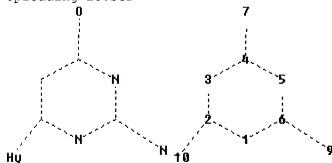
Generic attributes :

10:

Saturation : Unsaturated

Type of Ring System : Polycyclic

Uploading L6.str



chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

2-10 4-7 6-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 2-10 3-4 4-5 4-7 5-6 6-9

Connectivity :

1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 5:2 E exact RC ring/chain

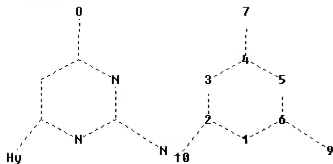
6:3 E exact RC ring/chain 9:2 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:Atom

Uploading L8.str

10/588527



```
chain nodes :  
7 9 10  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
2-10 4-7 6-9  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 2-10 3-4 4-5 4-7 5-6 6-9
```

```
Connectivity :  
6:3 E exact RC ring/chain  
Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:Atom
```

Uplaoding L25.str

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